- - - -	L Number		Search Text "electronic mail"	DB USPAT; US-PGPUB;	Time stamp 2002/08/13 10:2
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	_L1	2163	"electronic mail" and optical	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/07/12 14:1
	_ (N	460	("electronic mail" and optical) and failure	DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/07/16 09:2
	_ l>	119	(("electronic mail" and optical) and failure) and recovery	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/07/12 14:1
	-	96	(((("electronic mail" and optical) and failure) and recovery) and detec\$4	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/07/12 14:20
	-	505	email and scanner \\$. ccls.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/07/19 09:50
	-	75	(email and scanner) and 358/\$4	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/07/16 09:10
	-	98	(email and fail\$4) and 358/\$4	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/08/14 17:08
	-	13	((email and fail\$4) and 358/\$4) and recovery	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/07/16 09:19
	_	38	(358/\$3 or 379/\$3 or 307/\$3) and (email same (fail\$4 or recov\$6))	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/07/18 10:49
	-	0	(358/\$3 or 379/\$3 or 307/\$3) and (email same (power near fail\$3))	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/07/16 14:38
	-	2	(358/\$3 or 379/\$3 or 307/\$3) and (email same recov $$4$)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/07/16 14:4
	_	16862	(358/\$3 or 379/\$3 or 307/\$3) and scanner	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/07/16 14:4
	-	65620	((358/ $\$$ 3 or 379/ $\$$ 3 or 307/ $\$$ 3) and scanner) and electronic mail	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/07/16 14:53

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-	304	((358/\$3 or 379/\$3 or 307/\$3) and scanner) and "electronic mail"	USPAT; US-PGPUB; EPO; JPO;	2002/07/16 14:51
			DERWENT;	
-	123	(((358/\$3 or 379/\$3 or 307/\$3) and scanner) and "electronic mail") and fail\$4	USPAT:	2002/07/17 09:55
		did rail\$4	EPO; JPO;	
			DERWENT;	1
-	1745	(fax or facsimile) and email	USPĀT;	2002/08/06 09:27
			US-PGPUB; EPO; JPO;	
			DERWENT; IBM TDB	
-	856	((fax or facsimile) and email) and (fail\$4 or recov\$4)	USPĀT;	2002/07/18 10:21
		01 1600074)	US-PGPUB; EPO; JPO;	
			DERWENT; IBM TDB	
-	675	(((fax or facsimile) and email) and (fail\$4 or recov\$4)) and storage	USPAT;	2002/07/18 10:48
		trairy of recovery and storage	US-PGPUB; EPO; JPO;	
			DERWENT; IBM TDB	
-	171	(((tan or recommend) and charry and	USPAT;	2002/07/18 11:00
1		(fail\$4 or recov\$4)) and storage) and (358/\$3 or 379/\$3 or 307/\$3)	US-PGPUB; EPO; JPO;	
			DERWENT; IBM TDB	
-	139	(((((fax or facsimile) and email) and	USPĀT;	2002/08/13 11:45
		(fail\$4 or recov\$4)) and storage) and (358/\$3 or 379/\$3 or 307/\$3)) and server	US-PGPUB; EPO; JPO;	<u>:</u>
			DERWENT; IBM TDB	
-	14758	(email or e-mail or "electronic mail") and	USPĀT;	2002/07/18 13:47
		server	US-PGPUB; EPO; JPO;	
			DERWENT;	
-	4969	, , , , , , , , , , , , , , , , , , ,	USPAT;	2002/07/18 13:49
		and server) and (recover\$3 or fail\$3)	US-PGPUB; EPO; JPO;	
			DERWENT; IBM TDB	
_	93	(((email or e-mail or "electronic mail")	USPĀT;	2002/07/18 13:57
		<pre>and server) and (recover\$3 or fail\$3)) and (monitor\$3 near communication)</pre>	US-PGPUB; EPO; JPO;	
			DERWENT; IBM TDB	
_	2		.USPĀT;	2002/07/19 09:58
			US-PGPUB; EPO; JPO;	•
			DERWENT; IBM TDB	!
-	65	ifax	USPĀT;	2002/07/19 09:58
			US-PGPUB; EPO; JPO;	!
			DERWENT;	
-	1385138	email error detection	IBM_TDB USPAT;	2002/07/24 14:34
		!	US-PGPUB; EPO; JPO;	
			DERWENT;	
]_	364030	(email error detection) and (optical or	IBM_TDB USPAT;	2002/07/23 13:46
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or se fa. 1945 ((or se fa. 27 ((scan\$4 or fax or facsimile)) and rver) and transmit\$4) and stor\$4) and il\$4 ((((email error detection) and (optical scan\$4 or fax or facsimile)) and rver) and transmit\$4) and stor\$4) and	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	
1945 ((or se: fa:	((((email error detection) and (optical scan\$4 or fax or facsimile)) and ever) and transmit\$4) and stor\$4) and	IBM_TDB USPAT; US-PGPUB;	2002/07/24 10:41
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se	(((((email error detection) and (optical scan\$4 or fax or facsimile)) and ever) and transmit\$4) and stor\$4) and	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/07/24 11:00
sei	il\$4) and recov\$4) and (email near4 ever) 333266"	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/07/24 11:00
or	("5647022") or ("5754778") or	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/07/24 11:23
or ("5	("5905866") or ("5956521") or 978837")).PN.	DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/07/24 11:26
826 (in	mage and email) and scan\$4	DERWENT; IBM_TDB USPAT; US-PGPUB;	: : : 2002/07/24 11:26
417 ((i	mage and email) and scan\$4) and fail\$4	DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/07/24 11:28
		DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/07/24 11:29
322 ema	il retriev\$4	DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/07/24 14:33
1		EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/07/24 14:35
•	239 "53 27 (('or ("5 0r 729 ima 826 (im 417 ((i 412 ((((fai 322 ema 268 ema	27 (("5333266") or ("5557659") or ("5579472") or ("5647022") or ("5754778") or ("5781614") or ("5912770") or ("5905866") or ("5978837")).PN. 729 image and email) and scan\$4 417 ((image and email) and scan\$4) and fail\$4 412 (((image and email) and scan\$4) and fail\$4 412 email retriev\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; Or ("5581614") or ("5912770") or ("5852719") or ("5978837")).PN. IMAGE and email USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;

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130565 Scanner EPO, JPO, DERMENT, IBM TOB USPAT; US-DECUB; EPO; JPO, DERMENT, IBM TOB USPAT; US-DECUB; EPO; JPO, DERMENT, IBM TOB USPAT; US-DECUB; EPO; JPO, DERMENT; IBM TOB USPAT; US-DECUB; EPO, JPO, DECUB; EPO, JPO, DECUB; EPO, JPO, JPO, DECUB; EPO, JPO, D	-	0	"email error detection" and (email retriev\$4)		2002/07/24 14:42
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"4903146".PN.	-	1	"4825461".PN.		2002/08/01 10:30
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- 1 "5099335".PN. US-PGPUB USPAT; 2002/08/01 10:36 US-PGPUB			HE070467H my		1
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-	1	"5204758".PN.	USPAT;	2002/08/01 10:38
-	1	"5239385".PN.	US-PGPUB USPAT;	2002/08/13 10:54
-	1	"5267047".PN.	US-PGPUB USPAT;	2002/08/01 10:39
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			DERWENT; IBM TDB	
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-	0	("(email or (electronic adj mail)) and	USPAT;	2002/08/06 15:44
	İ	server and (failure or error or	US-PGPUB;	
1		imcomplete) and (power near (loss or down	EPO; JPO;	
Ì		or "off" or interrupt43 or problem or	DERWENT;	
		failure)) and (transmission or transmit\$4	IBM TDB	
		or send\$3).ab.) and (incomplete or failure	100-100	1
l		or fail43 or error or		1
		interrupt\$3).ab.").PN.		į.
_	5406			0000/05/05
	3400	(recover\$3 or restore or retrieve)	USPAT;	2002/08/07 09:49
ŀ		(recovers) or restore or retrieve)	US-PGPUB;	<u> </u>
			EPO; JPO;	1
			DERWENT;	i ·
			IBM_TDB	
-	10	((email or (electronic adj mail)) and	USPĀT;	2002/08/07 09:58
		(recover\$3 or restore or retrieve)).ti.	US-PGPUB;	
	1		EPO; JPO;	İ
		1	DERWENT;	
			IBM TDB	:
-	2495	((email or (electronic adj mail)) and	: USPAT;	2002/08/07 10:01
		(recover\$3 or restore or retrieve)) and	US-PGPUB;	2002/00/07 10:01
		(fail\$4 or (incomplete adj4 transmi\$5))	EPO; JPO;	
		(101141 of (incomplete adja clansmiys))	ž	
			DERWENT;	
1	245	///	IBM_TDB	
-	245		USPAT;	2002/08/07 10:09
		(recover\$3 or restore or retrieve)) and	US-PGPUB;	
		(fail\$4 or (incomplete adj4 transmi\$5)))	EPO; JPO;	
	1	and (power adj4 (outage or out or off or	DERWENT;	
	·	loss or fail\$4))	IBM TDB	
-	10	((((email or (electronic adj mail)) and	USPAT;	2002/08/07 11:13
		(recover\$3 or restore or retrieve)) and	US-PGPUB;	1 = 1 = 1 = 1
į		(fail\$4 or (incomplete adj4 transmi\$5)))	EPO; JPO;	
		and (power adj4 (outage or out or off or	DERWENT;	
		loss or fail\$4 or error))) and ((email or	IBM TDB	
		(electronic adj mail)) adj2 (server or	. TDI3_1DD	:
		database))		
_	249	(((email or (electronic adj mail)) and	HCDAT.	2002/00/07 11-05
	237	(recover\$3 or restore or retrieve)) and	USPAT;	2002/08/07 11:05
	;		US-PGPUB;	
1		(fail\$4 or (incomplete adj4 transmi\$5)))	EPO; JPO;	'
		and (power adj4 (outage or out or off or	DERWENT;	
		loss or fail\$4 or error))	IBM_TDB	
-	/	("5537543" "5590178" "5613108"	USPAT	1 2002/08/07 11:28 j
İ		"5715393" "5764898" "5765170"	1	!
	1	"5786817").PN.		!
-	7	("5032989" "5086390" "5107419"	USPAT	2002/08/07 11:30
		"5428778" "5598279" "5659599"		
		"5689699").PN.		
-	3	5893099.URPN.	USPAT	2002/08/07 11:32
-	3	5893099.URPN.	USPAT	2002/08/07 11:32
-	1 1	6163809.URPN.	USPAT	2002/08/07 11:33
-	18	("5377354" "5537543" "5592375"	USPAT	2002/08/07 11:35
	"	"5613108" "5625670" "5627764"	JULAI	2002/00/07 11:35
		"5715393" "5754939" "5765170"		!
		"5771355" "5781901" "5818447"		
	•			:
				i i
1_	10		tion.m	
1	18	("5377354" "5537543" "5592375"	USPAT	2002/08/07 11:36
		"5613108" "5625670" "5627764"		:
	!	"5715393" "5754939" "5765170"		!
	i	"5771355" "5781901" "5818447"		
	1 1	"5832221" "5835087" "5864684"		
1	:	"5878230" "5881233" "5890163").PN.		:
<u> </u>	, 1	5940823.URPN.	USPAT	2002/08/07 11:36
-	11:	("5325423" "5488411" "5530852"	USPAT	2002/08/07 11:41
	1	"5538255" "5564001" "5570295"		
		"5612730" "5619716" "5752042"		·
	l i	"5754771" "5796393").PN.		:
-	5	5974461.URPN.	TICDAT!	; 2002/09/07 15:06
_		20020051168.URPN.	USPAT	2002/08/07 15:06
_	1 - 1		USPAT	2002/08/07 14:30
1 _ :	1 12	5539530.pn.	USPAT	2002/08/07 15:06
L	13	5539530.URPN.	USPAT	2002/08/07 15:08

	-,			
-	12	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	USPAT	2002/08/07 15:09
l		"5115326" "5136291" "5146488"		13.03
		"5461488" "5479411" "5499108"	1	
		"5521719" "5539530" "6124939").PN.	į	
-	16	"5539530"	USPAT;	2002/08/08 13:51
			US-PGPUB;	1
1			EPO; JPO;	1
			DERWENT;	
1_	1 25	/!! 4200770!! !! 4200500!! !! !! !!	IBM_TDB	
1	25	("4200770" "4800582" "4825461"	USPAT	2002/08/08 13:58
		"4870677" "4902881" "4903146"		· .
		"4908853" "4941170" "4942599" "4967288" "4996707" "5033859"		
	1	"4967288" "4996707" "5033859" 		į
	1	"5130818" "5136637" "5175634"		
	i	"5204758" "5239385" "5267047"		
ł		"5274467" "5287199" "5291302"		1
	İ	"5295182").PN.		
-	25	("4200770" "4800582" "4825461"	USPAT	2002/08/08 14:03
		"4870677" "4902881" "4903146"	1	-302,00,00 14.03
]		"4908853" "4941170" "4942599"	1	
		"4967288" "4996707" "5033859"	1	
		"5070467" "5099335" "5101427"		
		"5130818" "5136637" "5175634"	i	
		"5204758" "5239385" "5267047"	İ	
		"5274467" "5287199" "5291302"		
	1	"5295182").PN.		
-	13	5539530.URPN.	USPAT	2002/08/08 14:16
-	111	"4941170"	USPAT;	2002/08/08 16:34
	i		US-PGPUB;	·
			EPO; JPO;	;
	ĺ		DERWENT; IBM TDB	
ļ	3	4941170.pn.	USPAT;	2002/08/08 16:47
}	ĺ		US-PGPUB;	2002/00/00 10:4/
	1		EPO; JPO;	
	!		DERWENT;	
	I		IBM TDB	
-	4	629077.pn.	USPĀT;	2002/08/08 16:47
			US-PGPUB;	1
			EPO; JPO;	
			DERWENT;	
_	1010	250/402	IBM_TDB	
_	1010	358/402	USPAT;	2002/08/12 10:21
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	310	358/402 and (ifax or fax or facsimile or	IBM_TDB	2002/00/12 10:05
	310	scan\$4) and (email or (electronic and	USPAT; US-PGPUB;	2002/08/12 10:25
		mail))	EPO; JPO;	
		· '	DERWENT;	!
			IBM TDB	;
-	5	mail and server and (fax or facsimile) and	USPAT;	2002/08/13 10:38
		(power adj loss)	US-PGPUB;	;
1		-	EPO; JPO;	
			DERWENT;	
•			IBM_TDB	
- i	9	meet the total and (ten of ideolimite) and	USPĀT;	2002/08/13 10:37
!	!	(power adj3 loss)	US-PGPUB;	;
i			EPO; JPO;	
ļ			DERWENT;	
1	4205		IBM_TDB	į .
-	4305	mail and server and (fax or facsimile) and	USPAT;	2002/08/13 10:39
		(power adj\$3 (loss or out or fail\$4 or	US-PGPUB;	
	İ	outage or off))	EPO; JPO;	
ļ			DERWENT;	
I			IBM TDB	

		T		
-	1388	Temail and server and (fax or facsimile) and (power adj\$3 (loss or out or fail\$4 or outage or off))	USPAT; US-PGPUB; EPO; JPO;	2002/08/13 10:40
			DERWENT; IBM TDB	
-	1135	<pre>(email and server and (fax or facsimile) and (power adj\$3 (loss or out or fail\$4 or outage or off))) and (recov\$5 or retriev\$4)</pre>	USPĀT; US-PGPUB; EPO; JPO;	2002/08/13 10:44
1		1 20012014 17	DERWENT; IBM TDB	
-	0 14	20020054371.URPN. 5333062.pn. 5335085.pn. 5355230.pn. 5369688.pn. 5668642.pn.	USPAT; USPAT; US-PGPUB;	2002/08/13 11:16 2002/08/13 11:51
			EPO; JPO; DERWENT; IBM TDB	
_	5271	(fax or facsimile or scan\$4) and (email or "electronic mail") and (server or database)	USPAT; US-PGPUB; EPO; JPO;	2002/08/13 11:54
			DERWENT; IBM TDB	
-	277	((fax or facsimile or scan\$4) and (email or "electronic mail") and (server or	USPAT; US-PGPUB;	2002/08/13 14:26
		database)) and (power near (fail\$4 or interr\$4 or loss or out or outage or off))	EPO; JPO; DERWENT;	
	!		IBM TDB	
-	195	((fax or facsimile) and (email or "electronic mail") and (server or	USPĀT; US-PGPUB;	2002/08/15 10:34
		database)) and (power near (fail\$4 or	EPO; JPO;	±
		interr\$4 or loss or out or outage or off))	DERWENT;	
-	5	6334143.pn. 5905914.pn.	IBM_TDB USPAT; US-PGPUB;	2002/08/14 17:09
			EPO; JPO; DERWENT; IBM TDB	
-	3727	((fax or facsimile or scanner) and (email or "electronic mail") and (server or	USPAT; US-PGPUB;	2002/08/15 10:38
		database or host) and (fail\$4 or interr\$4 or loss or out or outage or off or error))	EPO; JPO; DERWENT; IBM TDB	
-	270	<pre>((fax or facsimile or scanner) and (email or "electronic mail") and (server or</pre>	USPĀT; US-PGPUB;	2002/08/21 13:44
		database or host) and (transmi\$5 near (fail\$4 or interr\$4 or loss or out or	PPO; JPO; DERWENT;	
-	4	outage or off or error))) 3070258.URPN.	IBM_TDB USPAT	2002/00/15 11 12
-	0	10084380.URPN.	USPAT	2002/08/15 11:13 ' 2002/08/16 09:41
-		("5339156" "5508817" "5537543"):PN.	USPAT	2002/08/16 09:48
-	38	5812278.URPN. ((fax or facsimile or scanner) and (email	USPAT;	2002/08/16 09:51
		or "electronic mail") and (server or	US-PGPUB;	2002/08/21 14:16
		database or host) and (transmi\$5 near (fail\$4 or interr\$4 or loss or out or	EPO; JPO;	
		outage or off or error))) and ((image or	DERWENT; IBM TDB	
		<pre>data or memory) near (eras\$3 or remov\$3 or delete\$2))</pre>		
-	6018	(fax or facsimile or scanner) and ((image or data or memory or data) near (delet\$3	USPAT;	2002/08/21 14:20
		or eras\$2 or remov\$3))	US-PGPUB; EPO; JPO; DERWENT; IBM TDB	
-	172	((fax or facsimile or scanner) and ((image	USPĀT;	2002/08/21 14:56
		or data or memory or data) near (delet\$3 or eras\$2 or remov\$3))) and email	US-PGPUB; EPO; JPO; DERWENT; IBM TDB	!

-	719	358/505	USPAT:	1 2002 (00 (21 14 67)
				2002/08/21 14:57
	į		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
ļ			IBM TDB	:
-	29	358/505 and ((fax or facsimile or scan\$4)	USPĀT;	2002/08/21 14:59
		and ((image or data or memory) near	US-PGPUB;	!
		(delet\$3 or remov\$3 or eras\$3)))	i EPO; JPO;	
	1		DERWENT;	
			'IBM TDB	
-	229	358/400 and ((fax or facsimile or scan\$4)	USPAT;	2002/08/21 15:06
	1	and ((image or data or memory) near	US-PGPUB;	
		(delet\$3 or remov\$3 or eras\$3)))	EPO; JPO;	
			DERWENT:	ì
			IBM TDB	·